



Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)  
Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |                        |                 |   |                          |  |
|---|------------------------|-----------------|---|--------------------------|--|
| Substitute for form 1449B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |                        |                 |   | <b>Complete if Known</b> |  |
|   | Application Number     |                 |   |                          |  |
|   | Filing Date            |                 |   |                          |  |
|   | First Named Inventor   | Tadahiko Hisano |   |                          |  |
|   | Group Art Unit         |                 |   |                          |  |
|   | Examiner Name          |                 |   |                          |  |
|   | Attorney Docket Number |                 |   |                          |  |
| Sheet   | 2                      | of              | 2 |                          |  |

| FOREIGN PATENT DOCUMENTS |                          |                         |                     |                                      |  |  |                |
|--------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or<br>Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|                          |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |  |  |                |
|                          |                          | JP                      | A-60-215267         |                                      | Kong K K   | 10/28/1985   |                |
|                          |                          | JP                      | A-63-110947         |                                      | NEC Corp.  | 07/16/1988   |                |
|                          |                          | JP                      | A-6-149431          |                                      | Tokyo Electric Co., Ltd                            | 05/27/1994   |                |
|                          |                          | WO                      | WO 93/23811         |                                      | SOUTHWESTER BELL TEC.                              | 11/25/1993   |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |
|                          |                          |                         |                     |                                      |  |  |                |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---|--------------------------|---|----------------|
| Examiner<br>Initials <sup>*</sup>                 | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|   |                          | 80186/80188 Intel User's Manual (Nov., 1994).   |                |
|   |                          | P. Oguic, "Carte E/S externe pour port parallel", Electronique Radio Plans, No. 567, Feb. 1, 1994, pp. 43-47.   |                |
|   |                          | B.J. Freeman et al.,: "Microprocessor-to-microprocessor communications via an 8-bit data bus" IBM Technical Disclosure Bulletin., vol. 25, No. 10, Mar. 1983, pp. 5230-5235.  |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.